Nokia 5530 XpressMusic User Guide

Issue 4.1

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Safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.

SWITCH ON SAFELY

Do not switch the device on when wireless phone use is prohibited or when it may cause interference or danger.

ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

INTERFERENCE

All wireless devices may be susceptible to interference, which could affect performance.

SWITCH OFF IN RESTRICTED AREAS

Follow any restrictions. Switch the device off in aircraft, near medical equipment, fuel, chemicals, or blasting areas.

QUALIFIED SERVICE

Only qualified personnel may install or repair this product.

ACCESSORIES AND BATTERIES

Use only approved accessories and batteries. Do not connect incompatible products.

WATER-RESISTANCE

Your device is not water-resistant. Keep it dry.

About your device

The wireless device described in this guide is approved for use on the GSM 850, 900, 1800, and 1900 MHz networks. Contact your service provider for more information about networks.

Your device supports several connectivity methods and like computers may be exposed to viruses and other harmful content. Exercise caution with messages, connectivity requests, browsing, and downloads. Only install and use services and software from trustworthy sources that offer adequate security and protection, such as applications that are Symbian Signed or have passed the Java Verified™ testing. Consider installing antivirus and other security software on your device and any connected computer.

Your device may have preinstalled bookmarks and links for third-party internet sites and may allow you to access third-party sites. These are not affiliated with Nokia, and Nokia does not endorse or assume liability for them. If you access such sites, take precautions for security or content.

Warning:
To use any features in this device, other than the alarm clock, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger.

When using this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights. Copyright protection may prevent some images, music, and other content from being copied, modified, or transferred.

Make back-up copies or keep a written record of all important information stored in your device.

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

The images in this guide may differ from your device display.

Refer to the user guide for other important information about your device.

Note: The surface of this device does not contain nickel in the platings. The surface of this device contains stainless steel.

Network services

To use the device you must have service from a wireless service provider. Some features are not available on all networks; other features may require that you make specific arrangements with your service provider to use them. Network services involve

transmission of data. Check with your service provider for details about fees in your home network and when roaming on other networks. Your service provider can explain what charges will apply. Some networks may have limitations that affect how you can use some features of this device requiring network support such as support for specific technologies like WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols and language-dependent characters.

Your service provider may have requested that certain features be disabled or not activated in your device. If so, these features will not appear on your device menu. Your device may also have customized items such as menu names, menu order, and icons.

Magnets and magnetic fields

Keep your device away from magnets or magnetic fields.

Find help

In-device help

Your device contains instructions to help to use the applications in your device.

To open help texts from the main menu, select **Menu** > **Help** and the application for which you want to read instructions.

When an application is open, to access the help text for the current view, select **Options** > **Help**.

When you are reading the instructions, to change the size of the help text, select **Options** > **Decrease font size** or **Increase font size**.

You may find links to related topics at the end of the help text.
If you select an underlined word, a short explanation is displayed.

Help texts use the following indicators:

Link to a related help topic.
Link to the application being discussed.

When you are reading the instructions, to switch between help texts and the application that is open in the background, select **Options** > **Show open apps.** and the desired application.

Support

When you want to learn more about how to use your product or you are unsure how your phone should function, read the user guide in your phone. Select **Menu** > **Help**.

If this does not resolve your issue, do one of the following:

- Update your phone software
- Restore the original factory settings

If your issue remains unsolved, contact Nokia for repair options. Go to www.nokia.com.hk/repair. Before sending your phone for repair, always back up your data.

Update phone software using your PC

You can use the Nokia Ovi Suite PC application to update your phone software. You need a compatible PC, a high-speed internet connection, and a compatible USB data cable to connect your phone to the PC.

To get more information and to download the Nokia Ovi Suite application, go to www.ovi.com/suite.

Software updates over the air

Select **Menu** > **Applications** > **SW update**.

With Software update (network service), you can check if there are updates available for your device software or applications, and download them to your device.

Downloading software updates may involve the transmission of large amounts of data (network service).

Make sure that the device battery has enough power, or connect the charger before starting the update.

Warning:
If you install a software update, you cannot use the device, even to make emergency calls, until the installation is completed and the device is restarted.

After updating your device software or applications using Software update, the instructions related to the updated applications in the user guide or the helps may no longer be up to date.

To download the available updates, select . To unmark specific updates that you do not want to download, select the updates from the list.

To view information on an update, select the update and .

To view the status of previous updates, select .

Select **Options** and from the following:

Update via PC — Update your device using a PC. This option replaces the Start update option when updates are only available using the Nokia Software Updater PC application.

View update history — View the status of previous updates.

Settings — Change the settings, such as the default access point used for downloading updates.

Disclaimer — View the Nokia licence agreement.

Access codes

PIN or PIN2 code (4-8 digits)	These protect your SIM card against unauthorised use or are required to access some features. You can set your device to ask for the PIN code when you switch it on. If not supplied with your SIM card or you forget the codes, contact your service provider. If you enter the code incorrectly three times in a row, you need to unblock the code with the PUK or PUK2 code.
PUK or PUK2 code (8 digits)	These are required to unblock a PIN or PIN2 code. If not supplied with your SIM card, contact your service provider.
IMEI number (15 digits)	This is used to identify valid devices in the network. To view your IMEI number, dial ***#06#**.
Lock code (security code) (min. 4 digits or characters)	This helps you protect your device against unauthorised use. You can set your device to ask for the lock code that you define. Keep the code secret and in a safe place, separate from your device. If you forget the code and your device is locked, your device will require service. Additional charges may apply, and all the personal data in your device may be deleted. For more information, contact a Nokia Care Centre or your device dealer.

Get started

Insert the SIM card

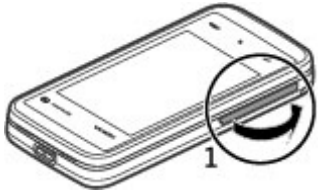
Important: To prevent damage to the SIM card, always remove the battery before you insert or remove the card.

Important: Do not use a mini-UICC SIM card, also known as a micro-SIM card, a micro-SIM card with an adapter, or a SIM card that has a mini-UICC cutout (see figure) in this device. A micro SIM card is smaller than the standard SIM card. This device does

not support the use of micro-SIM cards and use of incompatible SIM cards may damage the card or the device, and may corrupt data stored on the card.

A SIM card may be already inserted in the device. If not, do the following:

1 Open the cover of the SIM card slot.



2 Insert a SIM card in the SIM card slot. Ensure that the contact area on the card is facing down and the bevelled corner is facing toward the device. Push the card in.

3 Close the cover of the SIM card slot. Ensure that the cover is properly closed.

If the SIM card is not properly in place, the device can only be used in the Offline profile.

Insert the battery

Always switch the device off and disconnect the charger before removing the battery.

1 Remove the back cover by lifting it from the top end of the device.

2 Insert the battery.

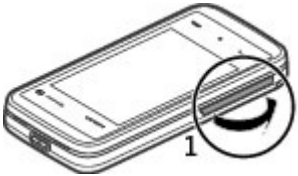
3 To replace the cover, direct the bottom locking catches toward their slots, and press down until the cover locks into place.

After removing and replacing the battery, you need to set the time and date again in your device.

Insert the memory card

Use only compatible microSD and microSDHC cards approved by Nokia for use with this device. Nokia uses approved industry standards for memory cards, but some brands may not be fully compatible with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.

A memory card may be already inserted in the device. If not, do the following:



1 Open the cover of the memory card slot.

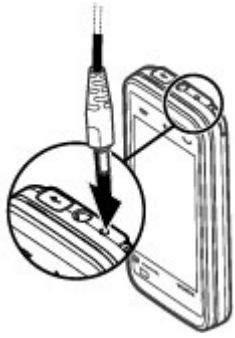
2 Insert a compatible memory card in the memory card slot. Ensure that the contact area on the card is facing down. Push the card in. You can hear a click when the card locks into place.

3 Close the cover of the memory card slot. Ensure that the cover is properly closed.

Charge the battery

Your battery has been partially charged at the factory. If the device indicates a low charge, do the following:

1 Connect the charger to a wall outlet.
2 Connect the charger to the device.



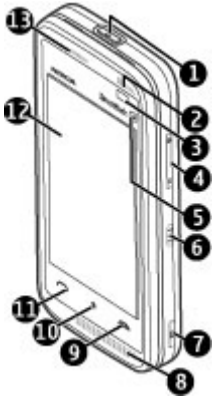
3 When the device indicates a full charge, disconnect the charger from the device, then from the wall outlet.

You do not need to charge the battery for a specific length of time, and you can use the device while it is charging. If the battery is completely discharged, it may take several minutes before the charging indicator appears on the display or before any calls can be made.

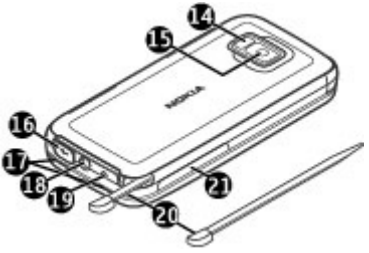
Tip: Disconnect the charger from the wall outlet when the charger is not in use. A charger that is connected to the outlet consumes power even when it is not connected to the device.

Keys and parts

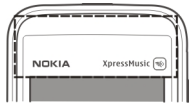
Note: The surface of this device does not contain nickel in the platings. The surface of this device contains stainless steel.



1 Power key
2 Loudspeaker
3 Proximity sensor
4 Volume/Zoom key
5 Media key
6 Lock switch
7 Capture key
8 Microphone
9 End key
10 Menu key
11 Call key
12 Touch screen
13 Earpiece



14 Camera flash
15 Camera lens
16 Micro USB connector
17 Loudspeakers
18 Nokia AV Connector (3.5 mm)
19 Charger connector
20 Stylus
21 SIM and memory card slot



Do not cover the area above the touch screen, for example, with protective film or tape.

Stylus

Some functions, such as handwriting recognition, are designed to be used with a stylus. The pen stylus is located in the back cover of the device.

Important: Use only a stylus approved by Nokia for use with this device. Using any other stylus may invalidate any warranty applying to the device and may damage the touch screen. Avoid scratching the touch screen. Never use an actual pen or pencil or other sharp objects to write on the touch screen.

Switch the device on

1 Press and hold the power key.
2 If the device asks for a PIN code or lock code, enter it, and select **OK**. To delete a number, select ⟵. The factory setting for the lock code is **12345**.
3 Select your location. If you accidentally select the wrong location, select **Back**.
4 Enter the date and time. When using the 12-hour time format, to switch between a.m. and p.m., select any number.

Lock the keys and touch screen

To lock or unlock the touch screen and the touch keys, slide the lock switch on the side of the device.

When the touch screen and touch keys are locked, the touch screen is switched off and the keys are inactive.

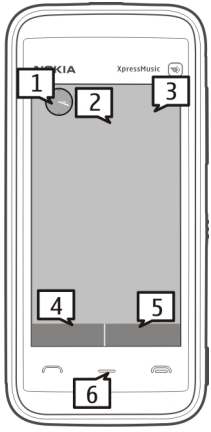
The screen and keys may be locked automatically after a period of inactivity.

To change the settings for automatic screen and key locking, select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Auto. keyguard** > **Keypad autolock period**.

Home screen

The home screen is your starting point where you can collect all your important contacts or application shortcuts.

Interactive display elements



To open the clock application, select the clock (1).

To open the calendar, or to change the profile, select the date or the profile name (2).

To view or modify connectivity settings (⇌), to view the available wireless LANs (WLAN) if WLAN scanning is enabled, or to view missed events, select the top right corner (3).

To make a phone call, select **Telephone** or (4).

To open the contacts list, select **Contacts** or (5).

To open the main menu, press the menu key (6).

Start using the contacts bar

To start using the contacts bar, and to add your contacts to the home screen, select > **Options** > **New contact**, and follow the instructions.

Change the home screen theme or shortcuts

Select **Menu** > **Settings** and **Personal** > **Home screen**.

Music keys

When music or the radio is playing in the background, music keys (play/pause, skip backward, and skip forward) are displayed in the home screen.

Access the menu

To access the menu, press the menu key.

To open an application or folder in the menu, double-tap it.

Touch screen actions

Tap and double-tap

To open an application or other element on the touch screen, you normally tap it with your finger or the stylus. However, to open the following items, you must tap them twice.

- List items in an application, such as the Drafts folder in the folder list in Messaging

  Tip: When you open a list view, the first item is already highlighted. To open the highlighted item, tap it once.
- Applications and folders in the menu when using the list view type
- Files in a file list, for example, an image in the images and videos view in Gallery.

  If you tap a file or similar item once, it is not opened, it becomes highlighted. To see the options available for the item, select **Options** or, if available, select an icon from a toolbar.

Select

In this user documentation, opening applications or items by tapping them once or twice is called "selecting". If you need to select several items in a sequence, the menu items to select are separated by arrows.

Example: To select **Options** > **Help**, tap **Options**, and then tap **Help**.

Drag

To drag, place your finger or the stylus on the screen, and slide it across the screen.

Example: To scroll up or down on a web page, drag the page with your finger or stylus.

Swipe

To swipe, slide your finger quickly left or right on the screen.

Example: When viewing an image, to view the next or previous image, swipe the image left or right, respectively.

Screen unlocking with swipe

Swipe to unlock the touch screen

To unlock the touch screen without answering a call, swipe from right to left. The ringing tone is muted automatically. To answer the call, press the call key, or to reject the call, press the end key.

Swipe to answer a call

To answer an incoming call, swipe from left to right.

Swipe to stop an alarm

To stop a sounding alarm, swipe from left to right. To snooze the alarm, swipe from right to left.

Scroll

To scroll up or down in lists that have a scroll bar, drag the slider of the scroll bar.

In some list views, you can scroll by placing your finger or stylus on a list item and dragging up or down.

Example: To scroll through contacts, place your finger or stylus on a contact, and drag up or down.

Tip: To view a brief description of icons and buttons, place your finger or stylus on the icon or button. Descriptions are not available for all icons and buttons.

Touch screen backlight

The touch screen backlight is turned off after a period of inactivity.
To turn the screen backlight on, tap the screen.

If the touch screen and keys are locked, tapping the screen does not turn the screen backlight on. To unlock the screen and keys, slide the lock switch.

Media key

To open applications such as the music player or browser, select the media key ( ) to open the media bar, and select the application.

Tip: Hold your finger or the stylus on the icon to see the name of the application. To open the application, raise your finger or the stylus. Otherwise, slide your finger or the stylus away from the icon.

Change the ringing tone

Select **Menu** > **Settings** and **Personal** > **Profiles**.

You can use profiles to set and customise the ringing tones, message alert tones, and other tones for different events, environments, or caller groups.
To personalise a profile, go to the profile, and select **Options** > **Personalise**.

Your device

Contacts bar

To start using the contacts bar and add your contacts to the home screen, select > **Options** > **New contact**, and follow the instructions.

To communicate with your contact, select the contact and from the following:

— Make a phone call.

— Send a message.

— Add a feed.

— Refresh feeds.

— Modify settings.

To view the latest call event and other past communication events with a contact, select a contact. To call the contact, select the call event. To view details of other events, select a communication event.

To close the view, select .

Find an item with adaptive search

Adaptive search makes the characters, letters, numbers, and input symbols of the entries in your device available for searching.

To turn adaptive search on or off, select **Menu** > **Settings** and **Phone** > **Touch input** > **Adaptive search**.

To use adaptive search when a search field is available, tap the search field, and select the character, letter, number, or symbol of the entry you are searching for. To view more characters, letters, numbers, or symbols, tap .

To change the input method for adaptive search under the current writing language, select **Menu** > **Settings** and **Phone** > **Touch input** > **Chinese find method**.

Antenna locations

Your device may have internal and external antennas. Avoid touching the antenna area unnecessarily while the antenna is transmitting or receiving. Contact with antennas affects the communication quality and may cause a higher power level during operation and may reduce the battery life.

Cellular, Bluetooth, and WLAN antennas

Offline profile

The offline profile lets you use the device without connecting to the wireless cellular network. When the offline profile is active, you can use your device without a SIM card.

Activate the offline profile

Press the power key briefly, and select **Offline**.

When you activate the offline profile, the connection to the cellular network is closed. All radio frequency signals to and from the device to the cellular network are prevented. If you try to send messages using the cellular network, they are placed in the Outbox folder to be sent later.

Important: In the Offline profile you cannot make or receive any calls, or use other features that require cellular network coverage. Calls may still be possible to the official emergency number programmed into your device. To make calls, you must first activate the phone function by changing profiles. If the device has been locked, enter the lock code.

When you have activated the offline profile, you can still use a wireless LAN (WLAN), for example, to read your e-mail or browse on the internet. You can also use Bluetooth connectivity while in the offline profile. Remember to comply with any applicable safety requirements when establishing and using WLAN or Bluetooth connections.

Shortcuts

To switch between open applications, press and hold the menu key.

Leaving applications running in the background increases the demand on battery power and reduces the battery life.

To start a web connection (network service), in the dialler, tap and hold **0**.

To access applications available in the media bar, such as the music player and web browser, in any view, press the media key.

To change the profile, press the power key, and select a profile.

To call your voice mailbox (network service), in the dialler, tap and hold **1**.

To open a list of last dialled numbers, in the home screen, press the call key.

To use voice commands, in the home screen, press and hold the call key.

Sensor settings and display rotation

When you activate the sensors in your device, you can control certain functions by turning the device.

Select **Menu** > **Settings** and **Phone** > **Sensor settings**.

Select from the following:

Sensors — Activate the sensors.

Turning control — Select **Silencing calls** and **Snoozing alarms** to mute calls and snooze alarms by turning your device so that the display faces down. Select **Auto-rotate display** to rotate the display content automatically when you turn the device on its left side or back to a vertical position. Some applications and features may not support rotating the display content.

Headset

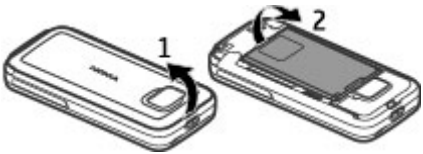
You can connect a compatible headset or compatible headphones to your device. You may need to select the cable mode.

Warning:
When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

Do not connect products that create an output signal as this may cause damage to the device. Do not connect any voltage source to the Nokia AV Connector.

When connecting any external device or any headset, other than those approved by Nokia for use with this device, to the Nokia AV Connector, pay special attention to volume levels.

Remove the SIM card



1 Remove the back cover by lifting it from the top end of the device.
2 Remove the battery.

3 Open the cover of the SIM card slot. Place the tip of the stylus in the opening under the battery, and push the SIM card sideways to slide it out of the slot. Pull the SIM card out.

4 Replace the battery and the back cover.

After removing and replacing the battery, you need to set the time and date again in your device.

Remove the memory card

Important: Do not remove the memory card during an operation when the card is being accessed. Doing so may damage the memory card and the device, and corrupt data stored on the card.

1 If the device is switched on, before you remove the card, press the power key, and select **Remove memory card**.

2 When **Remove memory card? Some applications will be closed.** is displayed, select **Yes**.

3 When **Remove memory card and press 'OK'** is displayed, open the cover of the memory card slot.

4 Press the memory card to release it from the slot.

5 Pull out the memory card. If the device is switched on, select **OK**.

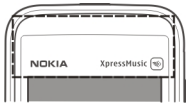
Attach a wrist strap

Thread the wrist strap, and tighten it.

Make calls

Touch screen during calls

Your device has a proximity sensor. To extend battery life and prevent accidental selections, the touch screen is disabled automatically during calls, when you place the device next to your ear.



Do not cover the proximity sensor, for example, with protective film or tape.

Calls

1 In the home screen, select **Telephone** to open the dialler, and enter the phone number, including the area code. To remove a number, select ◄.

   For international calls, select * twice for the + character (which replaces the international access code), and enter the country code, area code (omit the leading zero if necessary), and phone number.

2 To make the call, press the call key.

3 To end the call (or to cancel the call attempt), press the end key.

   Pressing the end key always ends a call, even if another application is active.

1 To make a call from the contacts list, select **Menu** > **Contacts**.

2 Go to the desired name. Or, select the search field, enter the first letters or characters of the name, and go to the name.

3 To call the contact, press the call key. If you have saved several numbers for a contact, select the desired number from the list.

Write text

You can enter letters, numbers, and special characters in several different ways. The on-screen keyboard allows you to enter characters by tapping them with your fingers or the stylus. Handwriting recognition allows you to write characters directly onto the screen using the stylus as a pen. Handwriting recognition may not be available for all languages.

Tap any text input field to enter letters, numbers, and special characters.

Your device can complete words based on the built-in dictionary for the selected text input language. The device also learns new words from your input.

Automatic input modes

When the sensors and display rotation in your device are activated, the input mode is automatically switched to on-screen keyboard in landscape mode and to alphanumeric keypad in portrait mode. If you have selected handwriting recognition as the text input mode, the automatic input mode switching does not function.

To activate the sensors and display rotation, do the following:

1 Select **Menu** > **Settings** and **Phone** > **Sensor settings** > **Sensors** > **On**.
2 Select **Turning control** > **Auto-rotate display**.

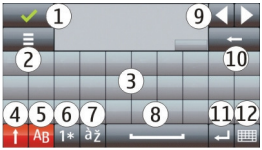
On-screen keyboard

You can use the on-screen keyboard in landscape mode.

If automatic display rotation and sensors are activated, the text input mode changes automatically between Full screen QWERTY (on-screen keyboard) and Alphanumeric keypad (on-screen keypad) when you rotate the device.

If the text input mode does not change automatically, to enter text using the on-screen keyboard, select > **Full screen QWERTY**.

When using the on-screen keyboard in landscape mode and in full screen mode, you can select the keys with your fingers.



1 Close - Close the on-screen keyboard.
2 Input menu - Open the touch input options menu to access commands such as **Writing language**.
3 On-screen keyboard
4 Shift and caps lock - To enter an uppercase character when writing in lowercase, or vice versa, select the key before entering the character. To activate the caps lock, select the key twice. A line under the key indicates that the caps lock is activated.
5 Letters - Enter letters.
6 Numbers and symbols - Enter numbers and most commonly used special characters.
7 Character accents - Select language character accents.
8 Space bar - Insert a space.
9 Arrows - Move the cursor backward or forward.
10 Backspace - Delete the previously entered character.
11 Enter - Move the cursor to the next row or text input field. Additional functions are based on the current context (for example, in the web address field of the web browser, it acts as the Go button).
12 Input mode - Select the input method. When you select an item, the current input method view closes, and the selected one opens.

Handwriting

The input methods and languages supported by the handwriting recognition vary by region and may not be available for all languages.

To activate handwriting mode, select > **Handwriting**.

Write legible, upright characters on the text input area, and leave a space between each character.

To teach the device your handwriting style, select > **Handwriting training**.

To enter letters and numbers (default mode), write words as you would normally. To select number mode, select 12. To enter non-Latin characters, select the corresponding icon, if available.

To enter special characters, write them as you would normally, or select *# and the desired character.

To delete characters or move the cursor back, swipe backwards (see Figure 1).

To insert a space, swipe forwards (see Figure 2).

Alphanumeric keypad

Virtual keypad

With the virtual keypad (**Alphanumeric keypad**), you can enter characters like you would with a traditional physical keypad with numbers on the keys.

1 Close - Closes the virtual keypad (**Alphanumeric keypad**).
2 Input menu - Opens the touch input menu, which includes commands such as **Activate predictive text** and **Writing language**.
3 Text input indicator - Opens a pop-up window, in which you can activate or deactivate predictive text input modes, change the character case, and switch between letter and number modes.
4 Input mode - Opens a pop-up window, in which you can select the input mode. When you tap an item, the current input method view closes, and the selected one opens. The availability of input modes may vary depending on whether the automatic input mode (sensor settings) is activated or not.
5 Arrow keys - Scroll left or right.
6 Backspace
7 Numbers
8 Star - Opens a special characters table.
9 Shift - Changes the character case, activates or deactivates predictive text input modes, and switches between letter and number modes.

Traditional text input

Tap a number key (1-9) repeatedly until the desired character appears. There are more characters available for a number key than are visible on the key.

If the next letter is located on the same key as the present one, wait until the cursor appears (or move the cursor forward to end the time-out period), and enter the letter.

To insert a space, tap **0**. To move the cursor to the next line, tap **0** three times.

Predictive text input

With predictive text input, you can enter any word with a single key selection. Predictive text input is based on a built-in dictionary to which you can add new words. Predictive text input is not available for all languages.

1 To activate predictive text input for all editors on the device, select > **Activate prediction**. You can also select > **Activate predictive text**.
2 To write the desired word, use the keys 2-9. Select each key only once for one letter. For example, to write "Nokia" when the English dictionary is selected, select **6** for N, **6** for o, **5** for k, **4** for i, and **2** for a.

   The word suggestion changes after each key selection.
3 When you finish writing the word correctly, move the cursor right to confirm it, or select **0** to add a space.

   If the word is not correct, select ***** repeatedly to view the matching words the dictionary has found one by one.

If the ? character is displayed after the word, the word is not in the dictionary. To add a word to the dictionary, select the underlined word, enter the word using traditional text input, and select **OK**. The word is added to the dictionary. When the dictionary is full, a new word replaces the oldest added word.

4 Start writing the next word.

Switch between text modes

To deactivate predictive text input for all editors in your device, select > **Deactivate prediction**, or quickly double-tap **#**. Alternatively, you can select > **Predictive text** > **Off**.

Touch input settings

Select **Menu** > **Settings** and **Phone** > **Touch input**.

To configure text input settings for the touch screen, select from the following:

Handwriting training — Open the handwriting training application. Train the device to recognise your handwriting better. This option is not available in all languages.

Writing language — Define which language-specific characters in your handwriting are recognised and how the on-screen keyboard is laid out.

Writing speed — Select a suitable writing speed.

Guiding line — Show or hide the guiding line in the writing area. The guiding line helps you write in a straight line, and it also helps the device recognise your writing.

Pen trail width — Select the thickness of the text written with the stylus.

Writing colour — Select the colour of the text written with the stylus.

Adaptive search — Activate adaptive search.

Touch screen calibration — Calibrate the touch screen as instructed.

Messaging

Only devices that have compatible features can receive and display multimedia messages. The appearance of a message may vary depending on the receiving device.

Messaging main view

Select **Menu** > **Messaging** (network service).

To create a new message, select **New message**.

Tip: To avoid rewriting messages that you send often, use texts in the Templates folder in My folders. You can also create and save your own templates.

Messaging contains the following folders:

Inbox — Received messages, except e-mail and cell broadcast messages, are stored here.

My folders — Organise your messages into folders.

Mailbox — Connect to your remote mailbox to retrieve your new e-mail messages, or view your previously retrieved e-mail messages offline.

Drafts — Draft messages that have not been sent are stored here.

Sent — The last messages that have been sent, excluding messages sent using Bluetooth connectivity, are stored here. You can change the number of messages to save in this folder.

Outbox — Messages waiting to be sent are temporarily stored in the outbox, for example, when your device is outside network coverage.

Delivery reports — You can request the network to send you a delivery report of the text messages and multimedia messages you have sent (network service).

Write and send messages

Select **Menu** > **Messaging**.

Important: Exercise caution when opening messages. Messages may contain malicious software or otherwise be harmful to your device or PC.

Before you can create a multimedia message or write a mail, you must have the correct connection settings defined.

The wireless network may limit the size of MMS messages. If the inserted picture exceeds this limit, the device may make it smaller so that it can be sent by MMS.

Only devices that have compatible features can receive and display multimedia messages. The appearance of a message may vary depending on the receiving device.

Check the size limit of mail messages with your service provider. If you attempt to send a mail message that exceeds the size limit of the mail server, the message is left in the Outbox folder, and the device attempts to resend it periodically. Sending a mail requires a data connection, and continuous attempts to resend the mail may incur charges from your service provider. In the Outbox folder, you can delete such a message or move it to the Drafts folder.

Messaging requires network services.

Send a text or multimedia message
Select **New message**.

Send an audio or mail message
Select **Options** > **Create message**, and the relevant option.

Select recipients or groups from the contacts list
Select from the toolbar.

Enter the number or mail address manually
Tap the **To** field.

Enter the subject of the mail or multimedia message
Enter it in the Subject field. If the Subject field is not visible, select **Options** > **Message header fields** to change the fields that are visible.

Write the message
Tap the message field.

Add an object to a message or mail
Select and the relevant type of content.
The message type may change to multimedia message based on the inserted content.

Send the message or mail
Select , or press the call key.

Your device supports text messages beyond the limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly. Characters with accents, other marks, or some language options take more space, and limit the number of characters that can be sent in a single message.

Set up e-mail

To set up e-mail, select **Menu** > **Messaging** and **Mailbox**.

You can set up several e-mail accounts, for example, a personal e-mail account and a corporate e-mail account.

To set up e-mail from your home screen, select the relevant plug-in. Alternatively, to set up an e-mail account, select **Menu** > **Applications** > **Sett. wizard**.

Mail for Exchange

With Mail for Exchange, you can receive your work e-mail to your device. You can read and reply to your e-mails, view and edit compatible attachments, view calendar information, receive and reply to meeting requests, schedule meetings, and view, add, and edit contact information.

ActiveSync

Use of the Mail for Exchange application is limited to over-the-air synchronisation of PIM information between the Nokia device and the authorised Microsoft Exchange server.

Mail for Exchange can be set up only if your company has Microsoft Exchange Server. In addition, your company's IT administrator must have activated Mail for Exchange for your account.

Before starting to set up Mail for Exchange, ensure that you have the following:

- A corporate e-mail ID
- Your office network user name
- Your office network password
- Your network domain name (contact your company's IT department)
- Your Mail for Exchange server name (contact your company's IT department)

Depending on your company's Mail for Exchange server configuration, you may need to enter other information in addition to those listed. If you do not know the correct information, contact your company's IT department.

With Mail for Exchange, the use of the lock code may be mandatory. The default lock code of your device is 12345, but your company's IT administrator may have set a different one for you to use.

You can access and modify the Mail for Exchange profile and settings in the Messaging settings.

Music player

Music player supports file formats such as AAC, AAC+, eAAC+, MP3, and WMA. Music player does not necessarily support all features of a file format or all the variations of file formats.

You can also use Music player to listen to podcasts. Podcasting is a method for delivering audio or video content over the internet using either RSS or Atom technologies for playback on mobile devices and computers.

Play a song or a podcast

To open Music player, select **Menu** > **Music** > **Music player**.

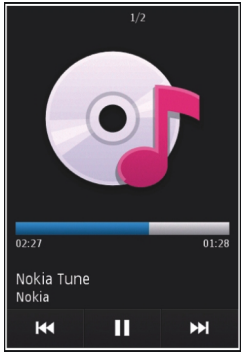
You may have to refresh the music and podcast libraries after you have updated the song or podcast selection in your device. To add all available items to the library, select **Options** > **Refresh library**.

To play a song or a podcast:

1 Select categories to navigate to the song or podcasts you want to hear.
2 To play an item, select the item from the list.

To pause playback, tap ▯▯; to resume, tap ▷.

To fast-forward or rewind, tap and hold ⏭ or ⏮.



To go to the next item, tap ⏭. To return to the beginning of the item, tap ⏮. To skip to the previous item, tap ⏮ again within 2 seconds after a song or podcast has started.

To turn random play (🔀) on or off, select **Options** > **Shuffle play**.

To repeat the current item (🔂), all items (🔁), or to turn repeat off, select **Options** > **Repeat**.

If you play podcasts, shuffle and repeat are automatically turned off.

To adjust the volume, press the volume key.

To modify the tone of the music playback, select **Options** > **Equaliser**.

To modify the balance and stereo image or to enhance the bass, select **Options** > **Settings**.

To return to the home screen and leave the player playing in the background, press the end key.

To close the player, select **Options** > **Exit**.

Playlists

Select **Menu** > **Music** > **Music player** and **Playlists**.

To view details of the playlist, select **Options** > **Playlist details**.

Create a playlist

1. Select **Options** > **New playlist**.
2. Enter a name for the playlist, and select **OK**.
3. To add songs now, select **Yes**; or to add the songs later, select **No**.
4. If you select **Yes**, select artists to find the songs you want to add to the playlist. Select **Add** to add items.

   To show the song list under an artist title, select **Expand**. To hide the song list, select **Collapse**.
5. When you have made your selections, select **Done**.

   If a compatible memory card is inserted, the playlist is saved to the memory card.

To add more songs later, when viewing the playlist, select **Options** > **Add songs**.

To add songs, albums, artists, genres, and composers to a playlist from the different views of the music menu, select an item and **Options** > **Add to playlist** > **Saved playlist** or **New playlist**.

To remove a song from a playlist, select **Options** > **Remove**.

This does not delete the song from the device; it only removes it from the playlist.

To reorder songs in a playlist, select the song you want to move, and **Options** > **Reorder playlist**.

To grab a song and drop it to a new position, select the song in the desired position and **Drop**.

To finish reordering the playlist, select **Done**.

Transfer music from a computer

You can use the following methods to transfer music:

- To view your device on a computer as a mass memory device where you can transfer any data files, make the connection with a compatible USB data cable or Bluetooth connectivity. If you are using a USB data cable, select **Mass storage** as the connection mode. A compatible memory card must be inserted in the device.
- To synchronise music with Windows Media Player, connect a compatible USB data cable, and select **Media transfer** as the connection mode. A compatible memory card must be inserted in the device.

To change the default USB connection mode, select **Menu** > **Settings** and **Connectivity** > **USB** > **USB connection mode**.

Nokia Video Centre

With Nokia Video Centre (network service), you can download and stream video clips over the air from compatible internet video services using a packet data or WLAN connection. You can also transfer video clips from a compatible PC to your device and view them in Video centre.

Using packet data access points to download videos may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

Your device may have predefined services.

Service providers may provide free content or charge a fee. Check the pricing in the service or from the service provider.

View and download video clips

Connect to video services

1 Select **Menu** > **Applications** > **Video centre**.

2 To connect to a service to install video services, select **Add new services** and the desired video service from the service catalogue.

View a video clip

To browse the content of installed video services, select **Video feeds**.

The content of some video services is divided into categories. To browse video clips, select a category.

To search for a video clip in the service, select **Video search**. Search may not be available in all services.

Some video clips can be streamed over the air, but others must be first downloaded to your device. To download a video clip, select **Options** > **Download**. Downloads continue in the background if you exit the application. The downloaded video clips are saved in My videos.

To stream a video clip or view a downloaded one, select **Options** > **Play**.

When the video clip is playing, to use the control keys for controlling the player, tap the screen.

To adjust the volume, use the volume key.

Warning:
Continuous exposure to high volume may damage your hearing. Listen to music at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

Select **Options** and from the following:

Resume download — Resume a paused or failed download.

Cancel download — Cancel a download.

Preview — Preview a video clip. This option is available if supported by the service.

Video details — View information about a video clip.

Refresh list — Refresh the list of video clips.

Open link in browser — Open a link in the web browser.

Schedule downloads

Setting the application to download video clips automatically may involve the transmission of large amounts of data through your service provider's network. For information about data transmission charges, contact your service provider.

To schedule an automatic download for video clips in a service, select **Options** > **Schedule downloads**.

Video centre automatically downloads new video clips daily at the time you define.

To cancel scheduled downloads, select **Manual download** as the download method.

Video feeds

Select **Menu** > **Applications** > **Video centre**.

The content of the installed video services is distributed using RSS feeds. To view and manage your feeds, select **Video feeds**.

Select **Options** and from the following:

Feed subscriptions — Check your current feed subscriptions.

Feed details — View information about a video.

Add feed — Subscribe to new feeds. Select **Via Video directory** to select a feed from the services in the video directory.

Refresh feeds — Refresh the content of all feeds.

Manage account — Manage your account options for a particular feed, if available.

Move — Move video clips to a desired location.

To view the videos available in a feed, select a feed from the list.

My videos

My videos is a storage place for all video clips in the Video centre application. You can list downloaded video clips and video clips recorded with the device camera in separate views.

1 To open a folder and view video clips, select the folder. When a video clip is playing, to use the control keys for controlling the player, tap the screen.
2 To adjust the volume, press the volume key.

Select **Options** and from the following:

Resume download — Resume a paused or failed download.

Cancel download — Cancel a download.

Video details — View information about a video clip.

Find — Find a video clip. Enter a search term that matches the file name.

Memory status — View the amount of free and used memory.

Sort by — Sort video clips. Select the desired category.

Move and copy — Move or copy video clips. Select **Copy** or **Move** and the desired location.

Transfer videos from your PC

Transfer your own video clips to Video centre from compatible devices using a compatible USB data cable. Video centre displays only the video clips which are in a format supported by your device.

1 To view your device on a PC as a mass memory device where you can transfer any data files, make the connection with a USB data cable.
2 Select **Mass storage** as the connection mode. A compatible memory card needs to be inserted in the device.
3 Select the video clips you want to copy from your PC.
4 Transfer the video clips to **E:\My Videos** in the memory card.

The transferred video clips appear in the My videos folder in Video centre. Video files in other folders of your device are not displayed.

Video centre settings

In the Video centre main view, select **Options** > **Settings** and from the following:

Video service selection — Select the video services that you want to appear in Video centre. You can also add, remove, edit, and view the details of a video service. You cannot edit preinstalled video services.

Connection settings — To define the network destination used for the network connection, select **Network connection**. To select the connection manually each time Video centre opens a network connection, select **Always ask**.

To set GPRS connection on or off, select **Confirm GPRS usage**.

To set roaming on or off, select **Confirm roaming**.

Parental control — Set an age limit to videos. The required password is the same as the device lock code. The factory setting for the lock code is **12345**. In video-on-demand services, videos which have the same or a higher age limit than you have set, are hidden.

Preferred memory — Select whether downloaded videos are saved in the device memory or on a compatible memory card.

Thumbnails — Select whether to download and view thumbnail images in video feeds.

Camera

Your device supports an image capture resolution of 2048x1536 pixels. The image resolution in this guide may appear different.

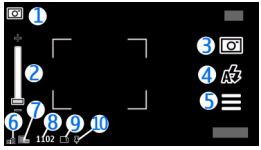
Activate the camera

To activate the camera, press the capture key.

Image capture

On-screen controls and indicators for still image capture

The still image viewfinder displays the following:



1 Capture mode indicator
2 Zoom slider. To turn the zoom slider on and off, tap the screen.
3 Capture icon. Tap to capture an image.
4 Flash mode. Tap to change settings.
5 Capture settings. Tap to change settings.
6 Battery charge level indicator
7 Image resolution indicator
8 Image counter (the estimated number of images you can capture using the current image quality setting and available memory)
9 Memory in use. Depending on the setup of your device, there are the following options: device memory, or memory card.
10 GPS signal indicator

Capture and recording settings

To open the capture and recording settings view before capturing an image or recording a video clip, select **Menu** > **Applications** > **Camera** and .

The capture and recording settings view provides you with shortcuts to different items and settings before capturing an image or recording a video clip.

The capture and recording settings return to the default settings after you close the camera.

Select from the following:

A Select the scene.

or Switch between video and image mode.

or Show or hide the viewfinder grid (images only).

Activate the self-timer (images only).

Activate sequence mode (images only).

Open Gallery.

Image settings:

Select a colour effect.

Adjust the white balance. Select the current lighting conditions. This allows the camera to reproduce colours more accurately.

Adjust the exposure compensation (images only). If you are shooting a dark subject against a very light background, such as snow, adjust the exposure to +1 or +2 to compensate for the background brightness. For light subjects against a dark background, use -1 or -2.

Adjust light sensitivity (images only). Increase the light sensitivity in low light conditions to avoid too dark images and blurry images. Increasing the light sensitivity may also increase the image noise.

Adjust contrast (images only). Adjust the difference between the lightest and darkest parts of the image.

Adjust sharpness (images only).

The screen display changes to match the settings you define.

The capture settings are shooting-mode specific. Switching between the modes does not reset the defined settings.

If you select a new scene, the capture settings are replaced by the selected scene. You can change the capture settings after selecting a scene if needed.

Saving the captured image may take longer if you change the zoom, lighting, or colour settings.

Capture an image

When capturing an image, note the following:

- Use both hands to keep the camera steady.
- The quality of a digitally zoomed image is lower than that of a non-zoomed image.
- The camera goes into battery saving mode after about a minute of inactivity.
- Keep a safe distance when using the flash. Do not use the flash on people or animals at close range. Do not cover the flash while taking a picture.

1 To switch from video mode to image mode, if necessary, select > .

2 Press the capture key. Do not move the device before the image is saved and the final image displayed.

Zoom in or out when capturing an image
Use the zoom slider.

Leave the camera open in the background and use other applications
Press the menu key. To return to the camera, press and hold the capture key.

After capturing an image

After you capture an image, select from the following options (available only if you have selected **Options** > **Settings** > **Show captured image** > **Yes**):

— Send the image in a multimedia or e-mail message, or through connection methods such as Bluetooth connectivity.

— Upload the image to a compatible online album.

Delete — Delete the image.

Use the image as wallpaper in the home screen
Select **Options** > **Use image** > **Set as wallpaper**.

Set the image as a default call image
Select **Options** > **Use image** > **Set as call image**.

Assign the image to a contact
Select **Options** > **Use image** > **Assign to contact**.

Return to the viewfinder, to capture a new image
Press the capture key.

Flash and video light

The camera of your device has an LED flash for low light conditions.

To select the desired flash mode, select the current flash mode indicator, which is one of the following: **Automatic**, **Reduce red**, **On**, and **Off**.

Avoid touching the flash LEDs. The LEDs may get hot after prolonged usage.

Keep a safe distance when using the flash. Do not use the flash on people or animals at close range. Do not cover the flash while taking a picture.

Increase light levels when recording video in low light

Select .

Location information

Your device does not have an internal GPS antenna. To use this feature, use a compatible GPS receiver (accessory sold separately).

You can automatically add capture location information to the file details of the captured material.

The location coordinate values may not be displayed due to local authorities' requirements.

Select **Menu** > **Applications** > **Camera**.

To add location information to all captured material, select **Options** > **Settings** > **Show GPS info** > **On**.

It may take several minutes to obtain the coordinates of your location. The availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. If you share a file that includes location information, also the location information is shared, and your location may be visible to third parties viewing the file. The device requires network services to acquire location information.

Location information indicators:

— Location information unavailable. GPS stays on in the background for several minutes. If a satellite connection is found and the indicator changes to within that time, all the images captured and video clips recorded during that time are tagged based on the received GPS positioning information.

— Location information is available. Location information is added to the file details.

Video recording

Record a video clip

1 To switch from image mode to video mode, if necessary, select > .

2 To start recording, press the capture key, or select . A red record icon is displayed.

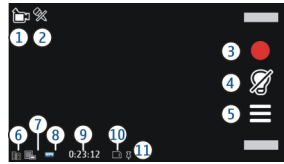
3 To pause recording, select **Pause**. To resume, select **Continue**. If you pause recording and do not press any key within one minute, the recording stops.

To zoom in or out, use the zoom keys.

4 To stop recording, press the capture key. The video clip is automatically saved in Gallery.

Video recording on-screen controls and indicators

The video viewfinder displays the following:



1 Capture mode indicator
2 Audio mute on indicator
3 Capture icon. Select to record video clips.
4 Video light indicator
5 Recording settings. Select to change settings.
6 Battery charge level indicator
7 Video quality indicator. To change this setting, select **Options** > **Settings** > **Video quality**.
8 Video clip file type
9 Available recording time. When you are recording, the current video length indicator also shows the elapsed and remaining time.
10 The location to which the video clip is saved
11 GPS signal indicator

After recording a video clip

After you record a video clip, select from the following options (available only if you have selected **Options** > **Settings** > **Show last captured video** > **Yes**):

Play — Play the video clip you just recorded.

— Upload the image to a compatible online album.

Delete — Delete the video clip.

To return to the viewfinder to record a new video clip, press the capture key.

Gallery

To store and organise your images, video clips, sound clips, and streaming links, select **Menu** > **Gallery**.

Tip: To access the images and video clips view quickly, tap the media key ( ) to open the media bar, and select .

View and organise files

Select **Menu** > **Gallery** and from the following:

Images & videos — View images in the image viewer and videos in Video centre.
Songs — Open Music player.
Sound clips — Listen to sound clips.
Other media — View presentations.

You can browse, open, and create folders; and mark, copy, move, and add items to folders.

Files stored on your compatible memory card (if inserted) are indicated with .

To open a file, select a file from the list. Video clips and files with the .ram file extension open and play in Video centre, and music and sound clips in Music player.

To copy or move files to the memory card (if inserted) or device memory, select a file, **Options** > **Organise** > **Copy** or **Move**, and from the available options.

View images and videos

Select **Menu** > **Gallery** and **Images & videos**.

By default, the images, video clips, and folders are organised by date and time.

To open a file, select a file from the list. To zoom in an image, use the volume key.

To edit a video clip or an image, select **Options** > **Edit**.

Select **Options** > **Use file** and from the following:
Set as wallpaper — Use the image as wallpaper in the home screen.
Set as call image — Set the image as a generic call image.
Assign to contact — Set the image as a call image for a contact.

The toolbar helps you select frequently used functions with images, video clips, and folders.

From the toolbar, select from the following:
Send — Send an image or a video clip.
Edit — Edit an image or a video clip.
Delete — Delete an image or a video clip.

Share online

About Share online

Select **Menu** > **Share online**.

With Share online (network service), you can post your images, video clips, and sound clips from your device to compatible online sharing services, such as albums and blogs. You can also view and send comments to the posts in these services, and download content to your compatible Nokia device.

The supported content types and the availability of the Share online service may vary.

Subscribe to an online sharing service

Select **Menu** > **Share online**.

1 Go to the service provider's website, and make sure your Nokia device is compatible with the service.
2 Create an account as instructed on the website. You receive a username and password needed to set up your device with the account.

Activate a service

1 Select and hold the service, and from the pop-up menu, select **Activate**.
2 Allow the device to open a network connection. If prompted, select an internet access point from the list.
3 Sign in to your account as instructed on the service provider's website.

For the availability and cost of the third party services and data transfer costs, contact your service provider or the relevant third party.

Manage your accounts

To view your accounts, select **Options** > **Settings** > **My accounts**.

To create a new account, select **Options** > **Add new account**.

To change your user name or password for an account, select the account and **Options** > **Open**.

To set the account as the default when sending posts from your device, select **Options** > **Set as default**.

To remove an account, select the account and **Options** > **Delete**.

Create a post

Select **Menu** > **Share online**.

To post your images or video clips to a service, select and hold the service, and from the pop-up menu, select **New upload**. If the online sharing service provides channels for posting files, select the desired channel.

To add your image, video clip, or sound clip to the post, select **Options** > **Add**.

Enter a title or description for the post, if available.

To add tags to the post, select **Tags:**.

To enable the posting of location information contained in the file, select **Location:**.

To send the post to the service, select **Options** > **Upload**.

Post files from Gallery

You can post your images and video clips from Gallery to an online sharing service.

1 Select **Menu** > **Gallery** and your images and video clips to post.
2 Select **Options** > **Send** > **Upload** and the desired account.
3 Edit your post as required.
4 Select **Options** > **Upload**.

Internet

About the web browser

Select **Menu** > **Web**.

Catch up on the news, and visit your favourite websites. You can use your phone web browser to view web pages on the internet.

The XHTML browser in this phone supports the Unicode encoding format.

To browse the web, you must be connected to the internet.

Browse the web

Select **Menu** > **Web**.

Tip: If you do not have a flat-rate data plan from your service provider, to save data costs in your phone bill, you can use a WLAN to connect to the internet.

Go to a website

Select the web address bar, enter a web address, and select ▷.

Tip: To search the internet, select the web address bar, enter the search word, and select the link below the web address bar.

Zoom in or out

A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords, empty the cache after each use. The information or services you have accessed are stored in the cache.

Empty the cache

Select > > **Privacy** > **Clear privacy data** > **Cache**.

Add a bookmark

If you visit the same websites all the time, add them to your Bookmarks view, so you can easily access them.

Select **Menu** > **Web**.

While browsing, select > .

Go to a bookmarked website while browsing

Select > and a bookmark.

Subscribe to a web feed

You don't have to visit your favourite websites regularly to keep up with what's new on them. You can subscribe to web feeds and get links to latest content automatically.

Select **Menu** > **Web**.

Web feeds on web pages are usually indicated with . They are used to share, for example, the latest news headlines or blog entries.

Go to a blog or web page that contains a web feed, and select > and the desired feed.

Update a feed

In the Web feeds view, select and hold the feed, and from the pop-up menu, select **Refresh**.

Set a feed to automatically update

In the Web feeds view, select and hold the feed, and from the pop-up menu, select **Edit** > **Automatic updates**.

Unreadable characters while browsing the web

If unreadable characters are displayed, select **Menu** > **Web** and > > **Page** > **Default encoding** and the correct encoding for the character set of the language.

Positioning

Positioning with your device

You can use applications such as GPS data to find out your location, or measure distances and coordinates. These applications require a GPS connection.

Your device does not have an internal GPS antenna. To use applications that require a GPS connection, use a compatible GPS receiver (accessory sold separately). Use Bluetooth connectivity to connect to the GPS receiver.

You can also use network-based positioning with your device.

Network positioning

You can use the mobile network to find out your current location, even indoors. This is faster but less accurate than with GPS, and you cannot use the location as a starting point for navigation.

To use the mobile network for positioning, in the device settings, select the network-based positioning method.

About GPS

The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The accuracy of location data can be affected by adjustments to GPS satellites made by the United States government and is subject to change with the United States Department of Defense civil GPS policy and the Federal Radionavigation Plan. Accuracy can also be affected by poor satellite geometry. Availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. GPS signals may not be

available inside buildings or underground and may be impaired by materials such as concrete and metal.

GPS should not be used for precise location measurement, and you should never rely solely on location data from the GPS receiver and cellular radio networks for positioning or navigation.

The trip meter has limited accuracy, and rounding errors may occur. Accuracy can also be affected by availability and quality of GPS signals.

The coordinates in the GPS are expressed using the international WGS-84 coordinate system. The availability of the coordinates may vary by region.

The GPS of this device is not for professional positioning. GPS connection time might also be affected by weather, use environment, and other condition of use. GPS should only be used as a navigation aid and should not be used for emergency or task which requires more precise positioning.

Maps

About Maps

Select **Menu** > **Applications** > **Maps**.

With Maps, you can see your current location on the map, browse maps of different cities and countries, search for places of interest, plan routes from one location to another, save locations, and send them to compatible devices. You can also purchase traffic information and navigation services, if available for your country or region.

Some services may not be available in all countries, and may be provided only in selected languages. The services may be network dependent. For more information, contact your network service provider.

Your device does not have an in-built GPS receiver. To use Maps services that require a GPS connection, use a compatible external GPS receiver (sold separately).

Maps availability depends on the laws of each country/region (e.g. maps may not be available due to legal restrictions of countries/regions). Nokia disclaims any and all warranty with respect to the availability of maps, including its accuracy, correctness and update.

When you use Maps for the first time, you may need to select an internet access point for downloading maps.

When you have an active data connection and browse the map on the display, a new map is automatically downloaded, if you browse to an area not covered by the maps that have already been downloaded.

Tip: You can also use Maps without an internet connection, and browse the maps that are saved in your device or memory card, if available in your device.

Note: Downloading content such as maps, satellite images, voice files, guides or traffic information may involve transmission of large amounts of data (network service).

Almost all digital cartography is inaccurate and incomplete to some extent. Never rely solely on the cartography that you download for use in this device.

Connectivity

Connectivity security

Nokia understands how important it is that your mobile phone or device operates reliably and that your personal content is saved safely.

Any information from an unknown or unreliable source, for example, via Bluetooth connectivity, multimedia message, or cable, may harm your PC, mobile phone, or device. You may protect your mobile phone or device from damage and keep it secured by following simple measures:

- Always keep Bluetooth connectivity closed unless you want your phone or device to be visible to others, when your phone or device supports Bluetooth.
- Always be alert when receiving information, like Bluetooth file or multimedia message, from an unknown or untrustworthy source.
- Do not download or install any applications that may include software harmful to your phone or device.
- Always download and install applications or content, like ringing tone or game, from trusted or well-known sources, such as Nokia Store, where good protection is provided against viruses and other harmful software.

This is a friendly reminder, the mentioned function may vary from different device model.

Your device offers several options to connect to the internet or to another compatible device or PC.

Wireless LAN

Your device can detect and connect to wireless local area networks (WLAN). Using a WLAN, you can connect your device to the internet and compatible devices that have WLAN support.

About WLAN

To use a wireless LAN (WLAN) connection, it must be available in the location, and your device must be connected to the WLAN. Some WLANs are protected, and you need an access key from the service provider to connect to them.

Note: Using WLAN may be restricted in some countries. For example, in France, you are only allowed to use WLAN indoors. For more information, contact your local authorities.

Features that use WLAN, or that are allowed to run in the background while using other features, increase the demand on battery power and reduce the battery life.

Your device supports the following WLAN features:

- IEEE 802.11b/g and WAPI standards
- Operation at 2.4 GHz
- Wired equivalent privacy (WEP) with keys up to 128 bits, Wi-Fi protected access (WPA), and 802.1x authentication methods. These functions can be used only if they are supported by the network.

Important: Always enable one of the available encryption methods to increase the security of your wireless LAN connection. Using encryption reduces the risk of unauthorised access to your data.

WLAN wizard

Select **Menu** > **Settings** and **Connectivity** > **Wireless LAN**.

The WLAN wizard helps you to connect to a wireless LAN (WLAN) and manage your WLAN connections.

If the search finds WLANs, to create an internet access point (IAP) for a connection and start the web browser using this IAP, select the connection and **Start web browsing**.

If you select a secured WLAN, you are asked to enter the relevant password. To connect to a hidden network, you must enter the correct network name (service set identifier, SSID).

If you already have the web browser running using the currently active WLAN connection, to return to the web browser, select **Continue web browsing**.

To end the active connection, select the connection and **Disconnect WLAN**.

Security settings for WAPI

1 Select **Menu** > **Settings** and **Connectivity** > **Destinations**.
2 Open the access point group that has the desired WLAN access point, and select the WLAN access point.
For more information, contact your service provider.

Administrative settings

Select **Menu** > **Settings** and **Connectivity** > **Admin. settings**.

Packet data settings

Select **Menu** > **Settings** and **Connectivity** > **Admin. settings** > **Packet data**.

The packet data settings affect all access points using a packet data connection.

Select from the following:

Packet data connection — If you select **When available** and you are in a network that supports packet data, the device registers to the packet data network. Starting an active packet data connection (for example, to send and receive e-mail) is quicker than if the device establishes a packet data connection when needed. If there is no packet data coverage, the device periodically tries to establish a packet data connection. If you select **When needed**, the device uses a packet data connection only if you start an application or action that needs it.

Access point — The access point name is needed to use your device as a packet data modem to a compatible computer.

SIP settings

Select **Menu** > **Settings** and **Connectivity** > **Admin. settings** > **SIP settings**.

Session Initiation Protocol (SIP) settings are needed for certain network services using SIP. You may receive the settings in a special text message from your service provider. You can view, delete, or create these setting profiles in SIP settings.

Settings

Some settings may be preset for the device by your service provider, and you may not be able to change them.

Phone settings

Date and time settings

Select **Menu** > **Settings** and **Phone** > **Date and time**.

Select from the following:

Time — Enter the current time.
Time zone — Select your location.
Date — Enter the date.
Date format — Select the date format.
Date separator — Select the symbol that separates days, months, and years.
Time format — Select the time format.
Time separator — Select the symbol that separates hours and minutes.
Clock type — Select the clock type.
Clock alarm tone — Select the tone for the alarm clock.
Alarm snooze time — Adjust the snooze time.
Workdays — Select your working days. You can then set an alarm only for working day mornings, for example.
Automatic time update — To update the time, date, and time zone, select **On**. This network service may not be available on all networks.

Language settings

Select **Menu** > **Settings** and **Phone** > **Language**.

To change the device language, select **Phone language**.

To change the writing language, select **Writing language**.

To turn predictive text input on or off, select **Predictive text**.

Display settings

Select **Menu** > **Settings** and **Phone** > **Display**.

Select from the following:
Brightness — Adjust the brightness of your device display.
Font size — Select the size of text and icons on the display.
Welcome note / logo — Set a note or image to be displayed when you switch on the device.
Light time-out — Set how long the light stays on when you stop using the device.

Voice commands

To activate enhanced voice commands, to start applications and profiles, press and hold the call key in the home screen.

To control your device with enhanced voice commands, press and hold the call key in the home screen, and say a voice command. The voice command is the name of the application or profile displayed in the list.

Select **Menu** > **Settings** and **Phone** > **Voice commands**.

Select **Options** and from the following:

Change command — Edit the voice commands.

Playback — Listen to the synthesised voice tag.

Remove voice command — Remove a voice command that you added manually.

Settings — Adjust the settings.

Voice command tutorial — Open the tutorial for voice commands.

Accessory settings

Select **Menu** > **Settings** and **Phone** > **Accessories**.

Some accessory connectors indicate which type of accessory is connected to the device.

Select an accessory and from the following:

Default profile — Set the profile that you want activated each time you connect a certain compatible accessory to your device.

Automatic answer — Select whether you want the device to answer an incoming call automatically after 5 seconds. If the ringing type is set to **Beep once** or **Silent**, automatic answer is disabled.

Lights — Set whether lights remain on after the time-out.

The available settings depend on the type of accessory.

Application settings

Select **Menu** > **Settings** and **Phone** > **Application sett.**.

In application settings, you can edit the settings of some of the applications in your device.

To edit the settings, you can also select **Options** > **Settings** in each application.

Device updates

With Device updates, you can connect to a server and receive configuration settings for your device, create new server profiles, view existing software version and device information, or view and manage existing server profiles.

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Device updates**.

If software updates over the air are supported by your network, you may also be able to request updates through the device.

You may receive server profiles and different configuration settings from your service providers and company information management department. These configuration settings may include connection and other settings used by different applications in your device.

Receive configuration settings

1 Select **Options** > **Server profiles**.

2 Go to a profile, and select **Options** > **Start configuration**.

Create a server profile

Select **Options** > **Server profiles** > **Options** > **New server profile**.

Delete a server profile

Select **Options** > **Delete**.

Security settings

Phone and SIM

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Security** > **Phone and SIM card**.

Select from the following:

PIN code request — When active, the code is requested each time the device is switched on. Deactivating the PIN code request may not be allowed by some SIM cards.

PIN code and**PIN2 code** — Change the PIN and PIN2 code. These codes can only include numbers. Avoid using access codes similar to the emergency numbers to prevent accidental dialling of the emergency number. If you forget the PIN or PIN2 code, contact your service provider. If you forget the lock code, contact a Nokia Care point or your service provider.

Lock code — The lock code is used to unlock the device. To avoid unauthorised use of your device, change the lock code. The preset code is 12345. The new code can be 4-255 characters long. Alphanumeric characters and both uppercase and lowercase characters can be used. The device notifies you if the lock code is not properly formatted. Keep the new code secret and separate from your device.

Phone autolock period — To avoid unauthorised use, you can set a time-out after which the device automatically locks. A locked device cannot be used until the correct lock code is entered. To turn off autolock, select **None**.

Lock if SIM card changed — Set the device to ask for the lock code when an unknown SIM card is inserted into your device. The device maintains a list of SIM cards that are recognised as the owner's cards.

Remote phone locking — Enable or disable remote lock.

Closed user group — Specify a group of people to whom you can call and who can call you (network service).

Confirm SIM services — Set the device to display confirmation messages when you are using a SIM card service (network service).

Certificate management

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Security** > **Certificate management**.

Digital certificates should be used if you want to connect to an online bank or another site or remote server for actions that involve transferring confidential information. They should also be used if you want to reduce the risk of viruses or other malicious software and be sure of the authenticity of software when downloading and installing software.

Select from the following:

Authority certificates — View and edit authority certificates.

Trusted site certificates — View and edit trusted site certificates.

Personal certificates — View and edit personal certificates.

Phone certificates — View and edit device certificates.

Digital certificates do not guarantee safety; they are used to verify the origin of software.

Important: Even if the use of certificates makes the risks involved in remote connections and software installation considerably smaller, they must be used correctly in order to benefit from increased security. The existence of a certificate does not offer any protection by itself; the certificate manager must contain correct, authentic, or trusted certificates for increased security to be available. Certificates have a restricted lifetime. If "Expired certificate" or "Certificate not valid yet" is shown, even if the certificate should be valid, check that the current date and time in your device are correct.

View certificate details — check authenticity

You can only be sure of the correct identity of a server when the signature and the validity period of a server certificate have been checked.

You are notified if the identity of the server is not authentic or if you do not have the correct security certificate in your device.

To check the details of a certificate, select **Options** > **Certificate details**. The validity of the certificate is checked, and one of the following notes may be displayed:

Certificate not trusted — You have not set any application to use the certificate.

Expired certificate — The certificate validity period has ended.

Certificate not valid yet — The certificate validity period has not yet begun.

Certificate corrupted — The certificate cannot be used. Contact the certificate issuer.

Change the trust settings

Before changing any certificate settings, you must make sure that you really trust the owner of the certificate and that the certificate really belongs to the listed owner.

To change the settings for an authority certificate, select **Options** > **Trust settings**. Depending on the certificate, a list of the applications that can use the selected certificate is shown. For example:

Symbian installation: **Yes** — The certificate is able to certify the origin of a new Symbian operating system application.

Internet: **Yes** — The certificate is able to certify servers.

App. installation: **Yes** — The certificate is able to certify the origin of a new Java application.

To change the value, select **Options** > **Change trust setting**.

Security module

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Security** > **Security module**.

To view or edit a security module (if available), select it from the list.

To view detailed information about a security module, select **Options** > **Security details**.

Restore original settings

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Factory settings**.

You can reset some of the settings to their original values. To do this, you need the lock code.

After resetting, the device may take a longer time to power on.

Protected content

To manage digital rights licences, select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Security** > **Protected content**.

Digital rights management

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with WMDRM 10, OMA DRM 1.0, and OMA DRM 2.0. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

Digital rights management (DRM) protected content comes with an associated licence that defines your rights to use the content.

If your device has OMA DRM-protected content, to back up both the licence and the content, use the backup feature of Nokia Ovi Suite.

Other transfer methods may not transfer the licence which need to be restored with the content for you to be able to continue the use of OMA DRM-protected content after the device memory is formatted. You may also need to restore the licence in case the files on your device get corrupted.

If your device has WMDRM-protected content, both the licence and the content will be lost if the device memory is formatted. You may also lose the licence and the content if the files on your device get corrupted. Losing the licence or the content may limit your ability to use the same content on your device again. For more information, contact your service provider.

Some licence may be connected to a specific SIM card, and the protected content can be accessed only if the SIM card is inserted in the device.

Notification lights

Select **Menu** > **Settings** and **Phone** > **Notification lights**.

To turn the standby breathing light on or off, select **Standby br. light**.

When the standby breathing light is turned on, the menu key lights up periodically.

To turn the notification light on or off, select **Notification light**.

When the notification light is turned on, the menu key lights up for a period you define to notify of missed events, such as missed calls or unread messages.

Call settings

Call settings

With call settings, you can define call specific settings in your device.

Select **Menu** > **Settings** and **Calling** > **Call**.

Select from the following:

Send my caller ID — Select **Yes** to show your phone number to the person you are calling. To use the setting agreed upon with your service provider, select **Set by network** (network service).

Call waiting — Set your device to notify you of incoming calls while you are in a call (network service), or check whether the feature is activated.

Reject call with message — Send a text message when you reject a call, informing the caller why you could not answer the call.

Message text — Write the standard text message that is sent when you reject a call.

Automatic redial — Set your device to make a maximum of 10 attempts to connect the call after an unsuccessful call attempt. To stop automatic redialling, press the end key.

Show call duration — Display the length of a call during a call.

Summary after call — Display the length of a call after a call ends.

Speed dialling — Activate speed dialling.

Anykey answer — Activate anykey answer.

The available options may vary.

Call divert

Select **Menu** > **Settings** and **Calling** > **Call divert**.

Call divert allows you to divert incoming calls to your voice mailbox or another phone number. For details, contact your service provider.

1. Select the type of calls to divert and a diverting option. For example, to divert all voice calls, select **Voice calls** > **All voice calls**.
2. To activate call divert, select **Activate**.
3. To divert calls to your voice mailbox, select **To voice mailbox**.
4. To divert calls to another phone number, select **To other number**, and enter the number, or select **Find** to retrieve a number saved in the contacts list.

Several diverting options can be active at the same time. When all calls are diverted, is displayed in the home screen.

Call barring

With call barring (network service), you can restrict the calls that you make or receive with the device. For example, you can restrict all outgoing international calls or incoming calls when you are abroad. To modify the settings, you need the barring password from your service provider.

Select **Menu** > **Settings** and **Calling** > **Call barring**.

When security features that restrict calls are in use (such as call barring, closed user group, and fixed dialling), calls may be possible to the official emergency number programmed into your device. Call barring and call diverting cannot be active at the same time.

Bar voice calls or check the barring status

Select the desired barring option and **Activate** or **Check status**. Call barring affects all calls, including data calls.

Protect the environment

Save energy

You do not need to charge your battery so often if you do the following:

- Close applications and data connections, such as your WLAN or Bluetooth connection, when not in use.
- Deactivate unnecessary sounds, such as touch screen and key tones.

Recycle

When this phone has reached the end of its working life, all of its materials can be recovered as materials and energy. To guarantee the correct disposal and reuse, Nokia co-operates with its partners through a program called We:recycle. For information on how to recycle your old Nokia products and where to find collection sites, go to www.nokia.com/werecycle, or call the Nokia Contact Center.

Recycle packaging and user guides at your local recycling scheme.

For more information on the environmental attributes of your phone, go to www.nokia.com/ecoprofile.

Nokia original accessories

For availability of approved accessories, check with your dealer.

An extensive range of accessories is available for your device. For more details, see www.nokia.com.hk/accessories.

Practical rules about accessories

- Keep all accessories out of the reach of small children.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that accessories installed in a vehicle are mounted and are operating properly.
- Installation of any complex car accessories must be made by qualified personnel only.

Battery

Type: BL-4U

Talk time:

Up to 4.9 hours (GSM).

Standby:

Up to 14 days (GSM).

Important: Battery talk and stand-by times are estimates and only possible under optimal network conditions. Actual battery talk and standby times depend on SIM cards, features used, battery age and condition, temperatures to which battery is exposed, network conditions, and many other factors, and may be significantly shorter than those specified above. Ringing tones, hands free call handling, use in digital mode, and other features will also consume the battery, and the amount of time a device is used for calls will affect its stand-by time. Likewise, the amount of time that the device is turned on and in the standby mode will affect its talk time.

Product and safety information

Battery

Battery and charger information

This device is intended for use when supplied with power from the following chargers: AC-8. The exact charger model number may vary depending on the type of plug. The plug variant is identified by one of the following: E, X, AR, U, A, C, K, or B. For example, the model numbers for the charger can be, among others, AC-8 etc.

Take care of your device

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits.
- Do not store the device in cold temperatures.
- Unauthorised modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device.
- Only use a soft, clean, dry cloth to clean the surface of the device.

Recycle

Additional safety information

Small children

Your device and its accessories are not toys. They may contain small parts. Keep them out of the reach of small children.

Operating environment

This device meets RF exposure guidelines in the normal use position at the ear or at least 2.2 centimetres (7/8 inch) away from the body. Any carry case, belt clip, or holder for body-worn operation should not contain metal and should position the device the above-stated distance from your body.

To send data files or messages requires a quality connection to the network. Data files or messages may be delayed until such a connection is available. Follow the separation distance instructions until the transmission is completed.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

Medical devices

Operation of radio transmitting equipment, including wireless phones, may interfere with the function of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external RF energy. Switch off your device when regulations posted instruct you to do so. Hospitals or health care facilities may use equipment sensitive to external RF energy.

Implanted medical devices

Manufacturers of medical devices recommend a minimum separation of 15.3 centimetres (6 inches) between a wireless device and an implanted medical device, such as a pacemaker or implanted cardioverter defibrillator, to avoid potential interference with the medical device. Persons who have such devices should:

- Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.
- Turn the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.

If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.

Hearing aids

Some digital wireless devices may interfere with some hearing aids.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection, electronic antilock braking, electronic speed control, and air bag systems. For more information, check with the manufacturer of your vehicle or its equipment.

Only qualified personnel should service the device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft and may be illegal.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere, for example near gas pumps at service stations. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Observe restrictions in fuel service stations, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include areas where you would be advised to turn off your vehicle engine, below deck on boats, chemical transfer or storage facilities and where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

Emergency calls

Important: This device operates using radio signals, wireless networks, landline networks, and user-programmed functions. If your device supports voice calls over the internet (internet calls), activate both the internet calls and the cellular phone. The device will attempt to make emergency calls over both the cellular networks and through your internet call provider if both are activated. Connections in all conditions cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.

To make an emergency call:

1 If the device is not on, switch it on. Check for adequate signal strength. Depending on your device, you may also need to complete the following:

- Insert a SIM card if your device uses one.
- Remove certain call restrictions you have activated in your device.
- Change your profile from offline profile mode to an active profile.
- If the screen and keys are locked, slide the lock switch on the side of the device to unlock them.

2 Press the end key as many times as needed to clear the display and ready the device for calls.

3 To open the dialler, select **Telephone** or .

4 Enter the official emergency number for your present location. Emergency numbers vary by location.

5 Press the call key.

When making an emergency call, give all the necessary information as accurately as possible. Your wireless device may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

Certification information (SAR)
This mobile device meets guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station.

The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 0.78 W/kg.

Use of device accessories may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at www.nokia.com.

OVI SERVICE TERMS
Terms of Use
1. Acceptance

These Ovi Service Terms together with the Privacy Policy govern your use of the service, site and software where you accessed these terms (collectively "Service"). By registering for or using the Service or any portion of it you accept these Ovi Service Terms, Privacy Policy, all other additional terms, guidelines and policies that may be published from time to time within the Service (collectively “Terms”).

These Terms constitute an agreement between you and Nokia Corporation, including its affiliates and suppliers (collectively “Nokia”), defining your and Nokia’s rights and responsibilities with respect to the Service.

2. Eligibility

To use the Service, you must be at least thirteen (13) years of age. If you are under thirteen (13) years of age, or at least thirteen (13) years of age but a minor where you live, you must have your parent or legal guardian accept your registration on your behalf and approve of your use of the Service. Anyone completing the registration must be legally competent.

3. Registration and Termination

You agree to provide truthful and complete information when registering for the Service and to keep that information updated. Providing misleading information about your identity is forbidden.

When you register, you will create a Nokia Account with username and a password. You, and your parent or legal guardian if you are a minor, are personally responsible for any use of the Service with your username and password. You agree to take due care in protecting your username and password against misuse by others and promptly notify Nokia about any misuse. Upon first use of your device and after you have updated the Nokia device software an activation text message will be sent to Nokia. The creation of a Nokia Account will require data transmission. Data transmission costs may apply.

You may terminate your registration if you no longer wish to use the Service. After termination, you will no longer have access to the Service. Nokia may terminate your registration or restrict your access to certain parts of the Service if there is an indication that you have breached the Terms or with prior notice if you have not signed into the Service with your user name in the past six (6) months.

Except as set forth in Privacy Policy, Nokia shall not be responsible for any removal or loss of the information or content you have submitted to the Service. When information or content is removed from the Service by either you or Nokia, traces or copies may still remain elsewhere.

4. Licenses

Users of the Service are granted a non-exclusive, non-transferable license, revocable at any time at Nokia's sole discretion, to access and use the Service strictly in accordance with the Terms. Use of the Service does not grant you any further intellectual property rights in or to any information or content in the Service.

As part of the Service, Nokia may provide you with content developed by Nokia or its licensors ("Content"). You are granted a non-exclusive and perpetual license to use such Content for the purpose it is intended, unless otherwise defined in the applicable Terms or the purchase order.

Some Content may only be available to residents of certain geographical areas. You agree to be bound by any restrictions applicable to specific Content you obtain through the Service. Any license acquired to third-party Content is a binding agreement between you and the third-party Content provider. The third-party Content provider is solely responsible for any Content it provides and for any claims you may have relating to such Content. Nokia will have the right (and will be deemed to have accepted the right) to enforce such license terms against you as a third party beneficiary thereof. All rights not granted to you for the Content are reserved to the owners of such Content.

As part of the Service, Nokia may provide you with certain software developed by Nokia or its licensors ("Software"). Your use of such Software may be subject to separate terms and conditions that you must accept before using the Software. If there are no separate terms and conditions applicable to such Software, the following terms apply: Nokia grants to you a limited, non-exclusive, non-transferable right to install and use such Software on your computer and/or mobile device. You may not copy the Software, except to make a single archival backup copy. You may not distribute, transfer the right to use, modify, translate, reproduce, resell, sublicense, rent, lease, reverse engineer, or otherwise attempt to discover the source code (except to the extent that this restriction is expressly prohibited by law) or make derivative works of the Software.

You may submit information or content ("Material") to the Service. Nokia does not claim ownership in your Material. Your submission of Material to the Service does not transfer ownership of rights of the Material to Nokia. Nokia is only transmitting the Material and has no editorial control over it.

By submitting Material to the Service you grant Nokia a world-wide, non-exclusive, sub-licensable, assignable, fully paid-up, royalty-free, perpetual and irrevocable license to use, copy, publicly perform, display, distribute and modify the Material to incorporate the Material into other works, and to sublicense the same, to the extent necessary for Nokia to provide the Service and as may be further adjusted by You in privacy and other settings of Service.

5. Using the Service

You agree to:

- Comply with applicable laws, the Terms and good manners;
- Use the Service only for your personal, non-commercial purposes;
- Not submit unlawful, offensive, abusive, pornographic, harassing, libelous or otherwise inappropriate Material;
- Obtain any consents, permission or licenses that may be legally required for you to submit any Material;
- Respect the privacy of others;
- Not distribute or post spam, unreasonably large files, chain letters, pyramid schemes, viruses; or
- Not use any other technologies or initiate other activities that may harm the Service, or the interest or property of the Service users.
- Agree to be responsible for the consequences of Material that you post.

Nokia may but has no obligation to:

- Monitor or moderate any Material;
- Remove any Material from the Service; and
- Restrict access to any part of the Service at any time in its sole discretion.

6. Content

Before downloading or accessing any Content, please check whether the Content which you wish to access is restricted by age or marked as potentially 'offensive' or 'explicit'. Nokia shall not be responsible for any claims or offence caused or suffered by you accessing such Content.

You agree:

- To use the Content only for your personal, non-commercial purposes;
- To use the Content in accordance with the restrictions set out in the applicable laws, additional terms, guidelines and policies or on the product pages that apply to that particular piece of the Content;
- Not to, nor authorize anyone else, make copies, give, sell, resell, loan, rent, offer, broadcast, send, distribute, transfer, communicate to the public, reproduce, modify, display, perform, commercially exploit or make the Content available unless otherwise authorized in the applicable Terms. You agree to advise Nokia promptly of any such unauthorized use;
- Not to attempt (or support others) to remove, circumvent, reverse engineer, decrypt, or otherwise alter or interfere with any applicable usage rules or attempt to circumvent digital rights management or copy protection features associated with the Content or any other technologies used to control the access to or use of the Content or any identifying information associated with it;
- Not to attempt (or support others) to use any automated systems or means, except for those provided by us, for the selection or downloading of the Content;
- Not to give out your password or allow other people to access the Content. The restrictions on copying that apply to applicable media also apply to the Content accessed as part of this Service.

The Content is owned and/or controlled by Nokia and/or its respective licensors ("Rights Owners"), and are protected by intellectual property laws. You agree that the Rights Owners are third-party beneficiaries under the Terms and have the right to enforce the provisions that directly concern the Content in which they have rights.

7. Allegations of Copyright Infringement

You may notify Nokia of copyright infringement on the Service by providing notice (a) by email with "Copyright Notification" in the subject line to copyright.notices@nokia.com, (b) by a document titled "Copyright Notification" mailed to Nokia, Attn: Copyright Agent, 102 Corporate Park Drive, White Plains, NY 10604, USA or (c) via the online form, if available. Your notice must:

1. identify the original copyrighted work you claim is infringed;

2. identify the content on the Service that you claim is infringing the copyrighted work. Please provide enough detail for Nokia to locate the allegedly infringing content on the Service;

3. provide your contact information, including your full name, mailing address, telephone number, and email address, if available;

4. provide a statement that you have a good faith belief that the use of the content in the manner complained of is not authorized by the copyright owner, its agent, or the law;

5. provide this statement: "I swear, under penalty of perjury, that the information in this notification and complaint is accurate and that I am the copyright owner, or am authorized to act on behalf of the copyright owner of an exclusive right that is infringed."; and

6. provide your signature, as applicable.

8. Notices

Nokia may post notices within the Service. Nokia may also send you notices about products and Services to the email address or telephone number you have provided to us. You are deemed to have received such notices at the latest within seven (7) days from Nokia sending or posting those. Your continued use of the Services constitutes your receipt of all notices regardless of delivery method.

9. Fees

Your use of the Service may be or may become subject to charges.

Any fees charged by Nokia will be announced separately in connection with the Service.

Use of the Service may involve transmission of data through your service provider's network. The prices listed within the Service do not include possible data transmission charges and your network service provider may charge for such data transmission.

Nokia assumes no responsibility for the payment of any charges of your service providers.

10. Purchase and Payment Terms

To place an order within the Service, you must have reached the age of legal competence according to the applicable legislation. If you have not reached the age of legal competence, you may place orders only with the prior consent of your parent or legal guardian.

You agree that all orders placed shall be legally valid and binding. As used here, "order" shall mean the selection of the Content available in the Service accompanied by the entering and sending of payment method and information, as well as selecting the "buy", "ok" or "I accept" choice in the purchase order flow, or other indication of acceptance of your order that is presented to you in the purchase order flow. All orders are subject to acceptance by Nokia.

Any Content purchased through the Service is a binding agreement between you and Nokia. You may pay by credit or debit card, or other payment methods if available. Your credit or debit card must have a billing address in the country where the Service is available to enable you to make a purchase. Nokia will charge your credit card or debit your bank account within a reasonable time after you have made your purchase. All credit card payments are subject to validation checks and authorization by the card issuer.

You agree to ensure that the instrument of payment for the payment method used is valid at the time of the transaction, that you are the rightful holder of the instrument and that the instrument is used within its credit limits. You are bound by your electronic order and you agree to pay for related transactions.

The prices in the Service may change from time to time. Prices include applicable taxes in effect at the time of your transaction, unless otherwise stated. There may be instances where you incur additional charges from your bank or credit card provider based on currency conversion rates used and/or additional fees assessed. Nokia assumes no responsibility for the payment of such or any other third party service fees or charges.

11. Cancellations and Refunds

You agree to the electronic delivery of Content being initiated concurrently with the placement of your order. You will not be able to cancel your order once it has been processed. The nature of the Content is such that it cannot be returned.

In the event that after your purchase you discover and promptly inform Nokia within 48 hours that (a) the Content you have purchased is faulty; (b) the Content Nokia delivers to you does not match the description of the Content you ordered via the Service; or (c) technical problems delayed or prevented delivery of your Content or accidental multiple purchases caused by such technical problems, your sole and exclusive remedy with respect to such Content will be either replacement of such Content, or refund of the purchase price paid for such Content, as determined solely by Nokia. Otherwise, no refunds are available. If you encounter any of the above issues, please contact Nokia Customer Support.

Please note that Nokia may not be able to process your customer support request if you are unable to provide your transaction ID, which is provided to you by Nokia following your purchase from the Service; provided you have supplied Nokia with a valid e-mail address at the time of purchase. Nokia may only process refunds for Content where the total price is above the monetary limit stipulated in applicable local legislation.

12. Feedback to Nokia

By submitting any ideas, feedback and/or proposals ("Feedback") to Nokia through the Service or other means, you acknowledge and agree that: (1) Nokia may have similar development ideas to the Feedback; (2) your Feedback does not contain confidential or proprietary information of you or any third party; (3) Nokia is not under any obligation of confidentiality with respect to the Feedback; (4) Nokia may freely use, exploit and further develop and modify such Feedback for any purpose; and (5) you are not entitled to any compensation of any kind from Nokia.

13. Social Activities and Location Sharing

You may use features in the Service to share your location, status or personal information. By using such features you agree that Nokia may use and provide such information to other services and persons with whom you choose to share this information. Users of these services and persons, such as your contacts, may see your location, status and/or personal information.

Your location may be determined using any available positioning method in your device e.g. GPS, assisted GPS (A-GPS) and mobile or WLAN network positioning. The use of network positioning and/or A-GPS includes exchanging network based location information and network service provider specific ID's between your device and the chosen network positioning server to establish your location more quickly and reliably. Used location method and other settings may be changed and certain features disabled by changing the settings in your device or service. Please check the privacy policies of your A-GPS server and other potential service providers.

Some features in the Service may enable you to share Content or Materials with other users, sites or services. By using such features you agree not to share Content or Material or to link to any service or site that: (a) contains content or other material that is illegal or inappropriate; or (b) exploits intellectual property rights without authorization or encourages users to piracy.

14. Availability and Technical Requirements

The availability of Content and Service may vary and is subject to Nokia's sole discretion. Nokia expressly disclaims any representation or warranty that any particular Content or Service will be available. The Service may not be available in all countries and may be provided only in selected languages. The Service, operations and some features may also be dependent on the network, compatibility of the devices used and the content formats supported.

To access the Service, you may need to download a specific piece of software developed by Nokia or by another party.

Nokia may, in its sole discretion, change, improve, correct or discontinue the Service or any part thereof. The Service may not be available during maintenance breaks and other times. To ensure you have the latest Nokia device software and applications, your device checks the availability of software updates from Nokia. If any are available you will be prompted to approve the installation. You may disable automatic checking for updates through settings in your device. You may also install software through available software update channels. Nokia may also provide updates to the Software that are considered important or critical by Nokia, and in such case you may not continue using the previous version of the Software and the use of the previous version of the Software or Service may be prevented without installation of the update.

15. Dealings with Others

You may interact with other users on or through the Service. You agree that any such interactions do not involve Nokia and are solely between you and the other user(s).

16. Links to Third Party Sites and Content

Nokia may include access to sites and services on the Internet or preloaded clients that enable you to interact with sites and services that are owned or operated by third parties and that are not part of the Service. You must review and agree to the terms and conditions of such sites or services before using such sites or services.

You agree that Nokia has no control over the third party content, sites or services and assumes no responsibility for services provided or material created or published by such sites or services. A link to a third-party site does not imply that Nokia endorses the site or the products or services referenced in the site.

In addition, you and other users may create content and links to content within the Service that has not otherwise been submitted to the Service. You agree that Nokia is not responsible for any such content or links.

17. Advertisements

Service may include advertisements. Advertisements may be targeted to the content or information stored on the Service, queries made through the Service, or other information.

18. Personal Data

The Privacy Policy and any additional privacy information made available to you govern the use of your personal data.

19. Limitation of Liability

The Service is provided on "AS IS" and "AS AVAILABLE" basis. Nokia does not warrant that the Service will be uninterrupted or error or virus-free. No warranty of any kind, either express or implied, including but not limited to warranties of title, non-infringement, merchantability, or fitness for a particular purpose, is made in relation to the availability, accuracy, reliability, information or content of the Service. You expressly agree and acknowledge that the use of the Service is at your sole risk and that you may be exposed to content from various sources.

Except for liability for death or personal injury caused by its gross negligence or intentional misconduct, Nokia is not liable for any direct damages caused by your use or inability to use the Service. In no case will Nokia be liable for any indirect, incidental, punitive or consequential damages resulting from your use or inability to use the Service.

20. Indemnification

You agree to defend and indemnify Nokia from and against all third party claims and all liabilities, assessments, losses, costs or damages resulting from or arising out of (i) your breach of the Terms, (ii) your infringement or violation of any intellectual property, other rights or privacy of a third party, and (iii) misuse of the Service by a third party where such misuse was made available by your failure to take reasonable measures to protect your username and password against misuse.

21. Miscellaneous

21.1 Choice of Law and Arbitration

Terms shall be governed by the laws of Finland without regard to its conflict of law provisions.

21.2 Validity

The Terms shall neither exclude nor limit any of your mandatory rights in your country of residence that cannot by law be waived. If a provision of the Terms is found to be invalid, the validity of the remaining provisions shall not be affected and the invalid provision shall be replaced with a valid provision that comes closest to the result and purpose of the Terms. If there is any conflict between these Ovi Service Terms and the Privacy Policy, the provisions of these Ovi Service Terms shall prevail. The provisions of the Terms that are intended to survive termination of your registration shall remain valid after such termination.

21.3 Changes in Terms

Nokia may modify the Terms at any time without prior notice. If the Terms are changed in a material, adverse way, Nokia will provide a separate notice advising of such change.

You are responsible for regularly reviewing the Terms. Your continued use of the Service shall constitute your consent to any changes and modifications.

22. Intellectual Property

The Service and related software are protected under international copyright laws and you are hereby notified that copyrights are claimed by Nokia. Subject to the Terms, Nokia retains all right, title and interest in the Service and in all Nokia's products, software and other properties provided to you or used by you through the Service.

23. Assignment

Nokia may assign its rights and obligations under these Terms to any Nokia corporate parent, subsidiary or company under common control with Nokia. Additionally, Nokia may assign its rights and obligations under these Terms to a third party in connection with a merger, acquisition, sale of assets, by operation of law or otherwise.

WE CARE ABOUT YOUR PRIVACY

Nokia is committed to protecting your privacy and to complying with applicable data protection and privacy laws. This Privacy Policy ("Policy") explains how we process personal data. Throughout this Policy the term "personal data" means information relating to an identified or identifiable individual (i.e. a natural person). "Nokia" refers to Nokia Corporation, including its affiliates (also referred to as "we", "us", or "our"). This Policy applies for processing of your personal data where Nokia is the data controller or where we refer to the applicability of this Policy.

We may provide additional privacy information in connection with our products and services through service descriptions and other notices. Such information prevails over this Policy to the extent of any conflict.

Third party services installed on your device may allow access to information available on your device. Our products or services may contain links to other companies' websites and services that have privacy policies of their own. We recommend that you read the privacy policies of such third party services. Nokia is not responsible for the privacy practices or contents of any such third party services.

By using this website and/or by submitting personal data to Nokia, you agree to the processing of your personal data as explained in this Policy. If you do not agree with this Policy, please do not use this website or provide Nokia with your personal data.

What Data Do We Collect?

We collect your personal data typically when you make a purchase, use or register into our products and services, take part in a campaign or otherwise interact with us. Below are examples of the categories of data we collect.

- **Your use of our products and services** When you use our products and services your IP-address, access times, the website you linked from, pages you visit, the links you use, the content you viewed and other such information your browser provides us with is automatically collected by Nokia. Some of our mobile services may collect your unique mobile device identifiers, subscriber identity information, network service provider specific identifiers, network settings and other such information. When you use our products and services or otherwise interact with us over telecommunications networks, certain additional information, such as your mobile subscription number, may be transmitted to us by your mobile network provider.
- **Information you provide us with** We may ask you to provide us with information such as your name, email address, street address, user names and passwords, your consents, preferences and feedback, information relating to your devices, age, gender, postal code and language preferences. Please note that certain non-identifiable information collected from you may become personally identifiable when you provide us with your personal data. We may also obtain, in accordance with applicable law, some personal data from list-rental companies and other such publicly available sources. Some of our services may allow you to submit information about other people, for example, if you make an order for a product that you wish us to send directly to another recipient.

- **Your transactions with us** We collect information relating to your purchase and use of our products and services and your other interactions with us. Such information may include details of the queries or requests you have made, the products and services provided, delivery details, bank account number, credit card details, billing address, credit checks and other such financial information, details of agreements between you and Nokia, records of contacts and communications, information and details relating to the content you have provided us with and other such transactional information. We may, in accordance with applicable law, record your communication with our customer care or with other such contact points.
- **Location data** Nokia's location based services and features may use satellite, WLAN or other network based location data, for example your IP-address. Assisted positioning methods of the device, for example Assisted GPS, provide you with faster and more accurate location data. Use of assisted positioning methods may involve exchanging your location data, wireless network identifiers along with your unique device or network service provider identifiers with a location server. Nokia processes this information anonymously. Depending on your positioning settings and your use of location services of other service providers your device may connect to other service providers' servers, which are not controlled or operated by Nokia. We recommend you to check the privacy policies of such service providers to understand how they process your location data. You can modify the positioning settings of your device from the device settings, for example change or disable positioning methods or location servers or modify the accuracy of your location data.

  Nokia offers various location based services and features that may require the use of your location data. For example when you make a location based search, use location enhanced weather features or request for map data, your location data may be sent to Nokia to serve you with the right content. This may also include location based advertizing. Some location based services may allow you to associate your personal data with your location. To learn more about available location based services and features, please refer to instructions and other support material for our products and services.

Why Do We Process Personal Data?

Nokia may process your personal data for the following purposes. Please note that one or more purposes may apply simultaneously.

- **Providing products and services** We may use your personal data to provide you with our products and services, to process your order or as otherwise may be necessary to perform the contract between you and Nokia, to ensure the functionality and security of our products and services, to identify you as well as to prevent and investigate fraud and other misuses.
- **Developing products and services** We may use your personal data to develop our products and services. However, for the most part we only use aggregate and statistical information for such purposes. We may combine personal data collected in connection with your use of a particular Nokia product and/or service with other personal data we may hold about you, unless such personal data was collected for a different purpose.
- **Communicating with you** We may use your personal data to communicate with you, for example to send you critical alerts and other such notices relating to our products and/or services and to contact you for consumer care related purposes.

Marketing and making recommendations We may use your personal data to personalize our offering and to provide you with more relevant services, for example, to make recommendations and to display customized content and advertising in our services. This may include displaying Nokia and third party content. We may use your personal data for direct marketing or research purposes, for example, to conduct market research and we may, in accordance with applicable law, contact you to inform you of new products, services or promotions we may offer.

First use of your Nokia device

Depending on your device a Nokia Account may be created for you or you may need to sign in with your existing Nokia Account when you first use your device. In the activation process your user name, email address, mobile number, unique mobile device identifier and subscriber identity information will be sent to Nokia and we may associate this information with your Nokia Account. This combined information may be used to activate your warranty and certain software licenses and to send you personalized messages, for example emails, text and other messages. These messages may include information about Nokia's products and services, such as tips and commercial offers. You may unsubscribe from these messages at any time for example by following the information in the message you receive after taking your device into use, instructions in the device or in the

messages, through available profile management tools or contacting Nokia customer care. The collected information may also be used to display personalized content as well as to improve Nokia's products and services. The above information may also apply in case you update the software of your device.

Do We Share Personal Data?

We do not sell, lease, rent or otherwise disclose your personal data to third parties unless otherwise stated below.

- **Your consent and social sharing services** We may share your personal data if we have your consent to do so. Some services may allow you to share your personal data with other users of the service or with other services and their users. Please consider carefully before disclosing any personal data or other information that might be accessible to other users.
- **Nokia companies and authorized third parties** We may share your personal data with other Nokia companies or authorized third parties who process personal data for Nokia for the purposes described in this Policy. This may include for example billing through your network service provider or otherwise, delivery of your purchases, providing services including customer service, managing and analyzing consumer data, credit checks, conducting market research and managing marketing and other such campaigns. When you purchase a Nokia product from us with a network service provider plan, we may need to exchange information with your network service provider to provide you with such service.

  We may conduct joint marketing and other communications with our partners, for example your mobile operator. To avoid duplicate or unnecessary communications and to tailor the message to you we may need to match information that Nokia has collected with information that the partner has collected where this is permitted by law.

  These authorized third parties are not permitted to use your personal data for any other purposes. We require them to act consistently with this Policy and to use appropriate security measures to protect your personal data.
- **International transfers of personal data** Our products and services may be provided using resources and servers located in various countries around the world. Therefore your personal data may be transferred across international borders outside the country where you use our services, including to countries outside the European Economic Area (EEA) that do not have laws providing specific protection for personal data or that have different legal rules on data protection, for example, the United States of America. In such cases we take steps to ensure that there is a legal basis for such a transfer and that adequate protection for your personal data is provided as required by applicable law, for example, by using standard agreements approved by relevant authorities (where necessary) and by requiring the use of other appropriate technical and organizational information security measures.
- **Mandatory disclosures** We may be obligated by mandatory law to disclose your personal data to certain authorities or other third parties, for example, to law enforcement agencies in the countries where we or third parties acting on our behalf operate. We may also disclose and otherwise process your personal data in accordance with applicable law to defend Nokia's legitimate interests, for example, in civil or criminal legal proceedings.
- **Mergers and Acquisitions** If we decide to sell, buy, merge or otherwise reorganize our businesses in certain countries, this may involve us disclosing personal data to prospective or actual purchasers and their advisers, or receiving personal data from sellers and their advisers.

How Do We Address The Privacy of Children?

Nokia products and services are typically intended for general audiences. Nokia does not knowingly collect information of children without the consent of their parents or guardians. Nokia publishes safety guidelines for using internet services in our websites.

How Do We Address Data Quality?

We take reasonable steps to keep the personal data we possess accurate and to delete incorrect or unnecessary personal data.

As certain Nokia products and services may allow you to manage your profile, we encourage you to access your personal data from time to time to ensure that it is correct. Please remember that in case of any changes it is your responsibility to update the personal data you have provided us with.

What Steps Are Taken To Safeguard Personal Data?

Privacy and security are key considerations in the creation and delivery of our products and services. We have assigned specific responsibilities to address privacy and security related matters. We enforce our internal policies and guidelines through an appropriate selection of activities, including proactive and reactive risk management, security engineering, training and assessments. We take appropriate steps to address online security, physical security, risk of data loss and other such risks taking into consideration the risk represented by the processing and the nature of the data being protected. Also, we limit access to our data bases containing personal data to authorized persons having a justified need to access such information.

How Do We Use Cookies and Web Beacons?

Cookies are small text files that are sent to your computer by a web server. We use cookies to provide benefits to you. Session cookies remember the previous activity performed by you, for example an item you placed in a shopping cart. Persistent cookies are used to save your preferences over multiple sessions, for example personalization of settings on our websites. Cookies may be used to display targeted ads and recommendations, for example to eliminate showing the same ads to you multiple times or showing ads that we think are of interest to you based on your past actions on our website. Cookies are also used to determine the effectiveness of our promotions and advertising campaigns and to improve our products and services.

Nokia may use web beacons (or "pixel tags") in connection with some of our websites. However, we do not use them to identify individual users personally. Web beacons are typically graphic images that are placed on a website and they are used to count visitors to a website and/or to access certain cookies. This information is used to improve our services. Web beacons do not typically collect any other information than what your browser provides us with as a standard part of any internet communication. If you turn off cookies, the web beacon will no longer be able to track your specific activity. The web beacon may, however, continue to collect information about visits from your IP-address.

Some Nokia websites or applications may utilize so called locally stored objects, such as Flash local shared objects ("Flash cookies") or HTML5 Web Storage. Locally stored objects are used for similar purposes as cookies but typically may contain a greater amount and different types of data than browser cookies. For example, in Flash you can use the Flash Player Settings Manager to control the storage of local shared objects, including disabling the local shared objects for certain websites only or disabling the storage of local shared objects completely for all websites.

Some Nokia websites use third party advertizing technologies, such as DoubleClick, to serve ads. DoubleClick uses a cookie to collect information about your visits to Nokia and third party websites. This information will be used to serve ads on Nokia and third party websites. The collected information will not be directly personally identifiable nor will DoubleClick share the information with third parties. You may choose to disable the DoubleClick cookie at any time by using DoubleClick opt-out cookie. You may also go to http://networkadvertising.org/ to install an opt-out cookie.

Most browsers allow you to disable or allow the use of cookies. You may also delete the cookies on your computer if your browser so permits. If you disable cookies, you may not be able to use certain parts of our services and you may need to re-install the opt-out cookie.

What Are Your Rights?

You have a right to know what personal data we hold about you. You have a right to have incomplete, incorrect, unnecessary or outdated personal data deleted or updated. You have a right to request that we stop processing your personal data for direct marketing or market research purposes. However, if you opt-out from marketing and other communications from Nokia, we may still send you critical alerts pertaining to our products and services or contact you for these purposes.

You may exercise your rights by contacting us through the contact points referred to below. In some cases, especially if you wish us to delete or stop processing your personal data, this may also mean that we may not be able to continue to provide the services to you. Please note that Nokia may need to identify you and to ask for additional information in order to be able to fulfill your request. Please also note that applicable law may contain restrictions and other provisions that relate to your rights.

We encourage you to use available profile management tools, for example Nokia Account for the above purposes as such tools often provide you with direct access to your personal data and allow you to effectively manage it.

Who Is The Controller of Your Personal Data?

Nokia Corporation of Keilalahdentie 4, 02150 Espoo, Finland is the controller of your personal data.

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